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Docket No.: 4938P001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# 4

In Re the Application of:

JAMES DUNCAN WORK

Application No.: 09/852,336

Filed: May 8, 2001

For: **METHOD AND APPARATUS FOR  
INTERNET-BASED HUMAN NETWORK  
BROKERING**

Art Group: 2152

Examiner: Not Yet Assigned

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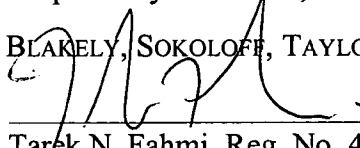
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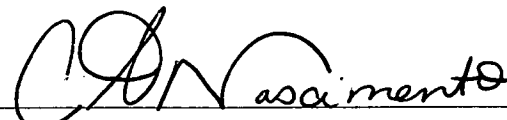
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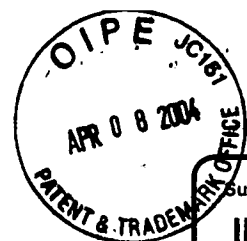
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(use as many sheets as necessary)

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Application Number	09/852,336
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First Named Inventor	James Duncan Work
Art Unit	2152
Examiner Name	Not Yet Assigned
Attorney Docket Number	4938P001

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/P.C./ ↓		US-6,115,709	09-05-2000	Gilmour et al.	<b>RECEIVED</b> APR 09 2004 Technology Center 2100
		US-6,175,831	01-16-2001	Weinreich et al.	
		US-6,205,472	03-20-2001	Gilmour	
		US-6,567,784	05-20-2003	Bukow	
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**FOREIGN PATENT DOCUMENTS**

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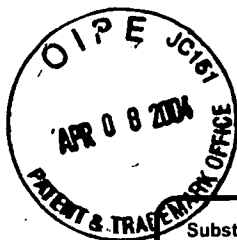
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Art Unit	2152
Examiner Name	Not Yet Assigned
Attorney Docket Number	4938P001

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
/P.C./		BYOUNGCHEON LEE and KWANGJO KIM, "Secure Matchmaking Protocol", Article, 2001, 12 pgs., Information and Communications University, Korea.	
		ROBERT ARMSTRONG, DAYNE FREITAG, THORSTEN JOACHIMS, and TOM MITCHELL, "WebWatcher: A Learning Apprentice for the World Wide Web", Article, March 19, 1997, 7 pgs., School of Computer Science, Carnegie Mellon University.	
		KEITH DECKER, KATIA SYCARA, and MIKE WILLIAMSON, "Middle-Agents for the Internet", Article, 1997, 6 pgs.	
		KEITH DECKER, ANANDEEP PANNU, KATIA SYCARA and MIKE WILLIAMSON, "Designing Behaviors for Information Agents", Article, 1997, 9 pgs.	
		KEITH DECKER, MIKE WILLIAMSON and KATIA SYCARA,, "Matchmaking and Brokering", Article, May 16, 1996, pgs. 1-19, The Robotic Institute, Carnegie Mellon University, Pittsburgh, PA., USA.	
		KEITH S. DECKER and KATIA SYCARA, "Intelligent Adaptive Information Agents", Article, 1996, pgs. 1-24, Kluwer Academic Publishers, Boston, Manufactured in The Netherlands.	
		TOM MITCHELL, RICH CARUANA, DAYNE FREITAG, JOHN MCDERMOTT and DAVID ZABOWSKI, "Experience With a Learning Personal Assistant", Article, 1994, pgs. 1-19, School of Computer Science, Carnegie Mellon University.	

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/P.C./ ↓		UPENDRA SHARDANAND and PATTIE MAES, "Social Information Filtering: Algorithms for Automating "Word of Mouth", Article, 13 pgs., 1995, MIT Media-Lab, Cambridge, Ma.	
		ANTHONY CASSANDRA, DAMITH CHANDRASEKARA and MARIAN NODINE, "Capability-based Agent Matchmaking", Article, 2 pgs., USA.	
		ADRIANNA VIVACQUA and HENRY LIEBERMAN, "Agents to Assist in Finding Help", Article, pgs. 65-72, April 1-6, 2000, Massachusetts Institute of Technology, Cambridge, MA, USA.	
		L FONER and I B CRABTREE, "Multi-agent matchmaking", Article, pgs. 115-123, October 1996, BT Technology J, Vol.14, No. 4.	
		DANIEL R. KUOKKA and LARRY T. HARADA, "Issues and Extensions For Information Matchmaking Protocols*", Article, (1996), International Journal of Cooperative Information Systems, Vol. 5, Nos. 2 & 3, pgs. 251-273, World Scientific Publishing, USA.	
		ALEXANDER I. ZELITCHENKO, "Information Retrieval Expert System "Matchmaker", Article, 1992, Computers in Human Behavior, Vol. 8, pp. 281-296, printed in USA, Moscow State University.	
		EVANGELOS KRANAKIS** and PAUL M.B. VITANYI, "A Note on Weighted Distributed Match-Making*", Article, (1992) Math Systems Theory 25, pgs. 123-140.	

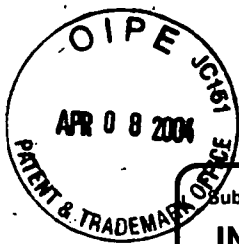
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/P.C./ ↓		KATIA SYCARA, MATTHIAS KLUSCH and JIANGUO LU, "Matchmaking among Heterogeneous Agents on the Internet", Article, pgs. 1-13.	
		KATIA SYCARA, MATTHIAS KLUSCH, SETH WIDOFF and JIANGUO LU, "Dynamic Service Matchmaking Among Agents in Open Information Enviroments", Article, 7 pgs.	
		KATIA SYCARA, JIANGUO LU, and MATTHIAS KLUSCH, "Inoperability among Heterogeneous Software Agents on the Internet", October 1998, pgs. 1-35, The Robotics Institute, Carnegie Mellon University, Pittsburgh, USA.	
		KATIA SYCARA and DAJUN ZENG, "Coordination of Multiple Intelligent Software Agents", Article, pgs. 1-31, International Journal of Cooperation Information Systems, World Scientific Publishing Company, USA.	
		KAN ZHANG and ROGER NEEDHAM, "A Private Matchmaking Protocol", Article, 9 pgs.	
		GERALD WICKLER and AUSTIN TATE, "Capability Representations for Brokering: A Survery", Article, pgs. 1-70.	
		BJORN HERMANS, "Intelligent Software Agents on the Internet: an inventory of currently offered functionality in the information society & a prediction of (near-) future developments" Article, pgs. 1-88, Tilburg University, Tilburg, The Netherlands, July 9, 1996	

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